INTERFACE DOCUMENT FOR NETWORK CONNECTIVITY RELATED ELEMENTS

This document serves as a start point to differentiate between the various tasks and responsibilities between Qwest and the Design Professional (A/E) responsible for the upgrade of Arizona school districts as directed under the SFB Network Connectivity project.

System	Subsystem	CM	Qwest	Design Professional (A/E)
Site Survey Master Plan		☐	☐	☐
	Master Schedule of School Districts	✔☐	☐	☐
	Schedule Schools within District	✔☐	☐	☐
	Conduct Surveys based on Criteria	☐	✔☐	☐
	Document and publish results	☐	✔☐	☐
		☐	☐	☐
		☐	☐	☐
Documentation		☐	☐	☐
	Construction as-builts	☐	☐	✔☐
	Network documentation	☐	✔☐	☐
	Site survey results	☐	✔☐	☐
		☐	☐	☐
		☐	☐	☐
Outside Plant		☐	☐	☐
	Outside Plant – New Conduit	☐	☐	✔☐
	Outside Plant – Reuse Existing Conduit	☐	✔☐	☐
	Outside Plant Fiber Installation	☐	✔☐	☐
	Outside Plant Fiber Termination/Test	☐	✔☐	☐
	Outside Plant Copper Installation	☐	✔☐	☐
	Outside Plant Copper Termination/Test	☐	✔☐	☐
	Lightning Protection, Comm. circuits	☐	✔☐	☐
	Trenching	☐	☐	✔☐

System	Subsystem	CM	Qwest	Design Professional (A/E)
Inside Plant		☐	☐	☐
	Retrofit: Install surface mount (**single channel**) raceways and J-Boxes for voice/data/video	☐	✔☐	☐
	Install surface mount (**tri – channel**) raceways and J-Boxes for communications (V/D/V) and power	☐	☐	✔☐
	Inside Plant Conduit - new	☐	☐	✔☐
	Inside Plant J-Box (data, voice or power)	☐	☐	✔☐
	Inside Plant Fiber Installation	☐	✔☐	☐
	Inside Plant Fiber Termination/Test	☐	✔☐	☐
	Inside Plant Copper Installation	☐	✔☐	☐
	Inside Plant Copper Termination/Test	☐	✔☐	☐
	Asbestos Abatement	☐	☐	✔☐
		☐	☐	☐
Power		☐	☐	☐
	Power to IDF/MDF	☐	☐	✔☐
	Additional power to classrooms as appropriate	☐	☐	✔☐
	UPS for IDF/MDF	☐	✔☐	☐
		☐	☐	☐
Fire Alarm		☐	☐	☐
	Fire Alarm system design	☐	☐	✔☐
	Fire Alarm system installation	☐	☐	✔☐
	Fire Alarm cabling/conduits	☐	☐	✔☐
		☐	☐	☐
Security		☐	☐	☐
	Security System Design	☐	☐	✔☐
	Security System installation	☐	☐	✔☐
	Security System cabling	☐	✔☐	☐

System	Subsystem	CM	Qwest	Design Professional (A/E)
Class Pass System		☐	☐	☐
	Class pass system design	☐	☐	✔☐
	Class pass system installation	☐	☐	✔☐
	Class pass cabling	☐	✔☐	☐
		☐	☐	☐
Public Address (PA)		☐	☐	☐
	Public Address system design	☐	☐	✔☐
	Public Address system installation	☐	☐	✔☐
	Public Address cabling	☐	✔☐	☐
		☐	☐	☐
Energy Management		☐	☐	☐
	Review existing energy management system	☐	☐	✔☐
	Upgrade energy management system as appropriate	☐	☐	✔☐
	EMS cabling	☐	✔☐	☐
		☐	☐	☐
Network Systems - IDF/MDF		☐	☐	☐
	Determine location(s)	☐	✔☐	☐
	Install backboards and provide power	☐	☐	✔☐
	Install racks, patch panels, voice, data, and video terminations	☐	✔☐	☐
	Install data, voice, and video electronics equipment	☐	✔☐	☐
	Cross connect electronics to patch panels, punch down blocks, and other termination devices	☐	✔☐	☐
	Provide code approved ground terminal within MDF/IDF	☐	☐	✔☐
	Ground equipment in MDF/IDF	☐	✔☐	☐
	Locate voice/data/video cable termination points	☐	✔☐	☐

System	Subsystem	CM	Qwest	Design Professional (A/E)
	termination points			
	Install and terminate classroom cabling for voice/data/video	☐	✔☐	☐
	Install network equipment in classroom	☐	✔☐	☐
	Install voice, video equipment in classroom	☐	✔☐	☐
	Electrical circuit surge suppression	☐	✔☐	☐
Network Systems - Library/Labs/Offices		☐	☐	☐
	Locate voice/data/video cable termination points	☐	✔☐	☐
	Install and terminate cabling for voice/data/video	☐	✔☐	☐
	Install network equipment	☐	✔☐	☐
	Install voice, video equipment in classroom	☐	✔☐	☐
		☐	☐	☐
Network Systems - WAN Services		☐	☐	☐
	Transport to site	☐	✔☐	☐
	Internet Service Provider services to site	☐	✔☐	☐
Voice System		☐	☐	☐
	Upgrade or replace system	☐	✔☐	☐
	Test system	☐	✔☐	☐
		☐	☐	☐
Video Distribution System	Upgrade or replace system	☐	✔☐	☐
	Test system	☐	✔☐	☐
		☐	☐	☐
		☐	☐	☐
		☐	☐	☐
		☐	☐	☐